

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038169.D
 Acq On : 08 Nov 2025 00:44
 Operator : RC/JU
 Sample : Q3534-01DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-6DL

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:28:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9036	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29109	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18416	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32776	0.400	ng	0.00
29) Chrysene-d12	21.376	240	18818	0.400	ng	0.00
35) Perylene-d12	23.683	264	16362	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	744	0.035	ng	0.00
5) Phenol-d6	6.937	99	520	0.020	ng	0.00
8) Nitrobenzene-d5	8.929	82	1245m	0.053	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	2087	0.050	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	484	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	4896	0.066	ng	0.00
27) Fluoranthene-d10	19.220	212	4042	0.049	ng	0.00
31) Terphenyl-d14	19.819	244	3414	0.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	19868	2.128	ng	99
9) Naphthalene	10.626	128	2267	0.028	ng	# 82
12) 2-Methylnaphthalene	12.248	142	11720	0.219	ng	97
17) Acenaphthene	14.495	154	7467	0.128	ng	98
18) Fluorene	15.489	166	8417	0.110	ng	# 97
25) Phenanthrene	17.223	178	9145	0.088	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	4200	0.119	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

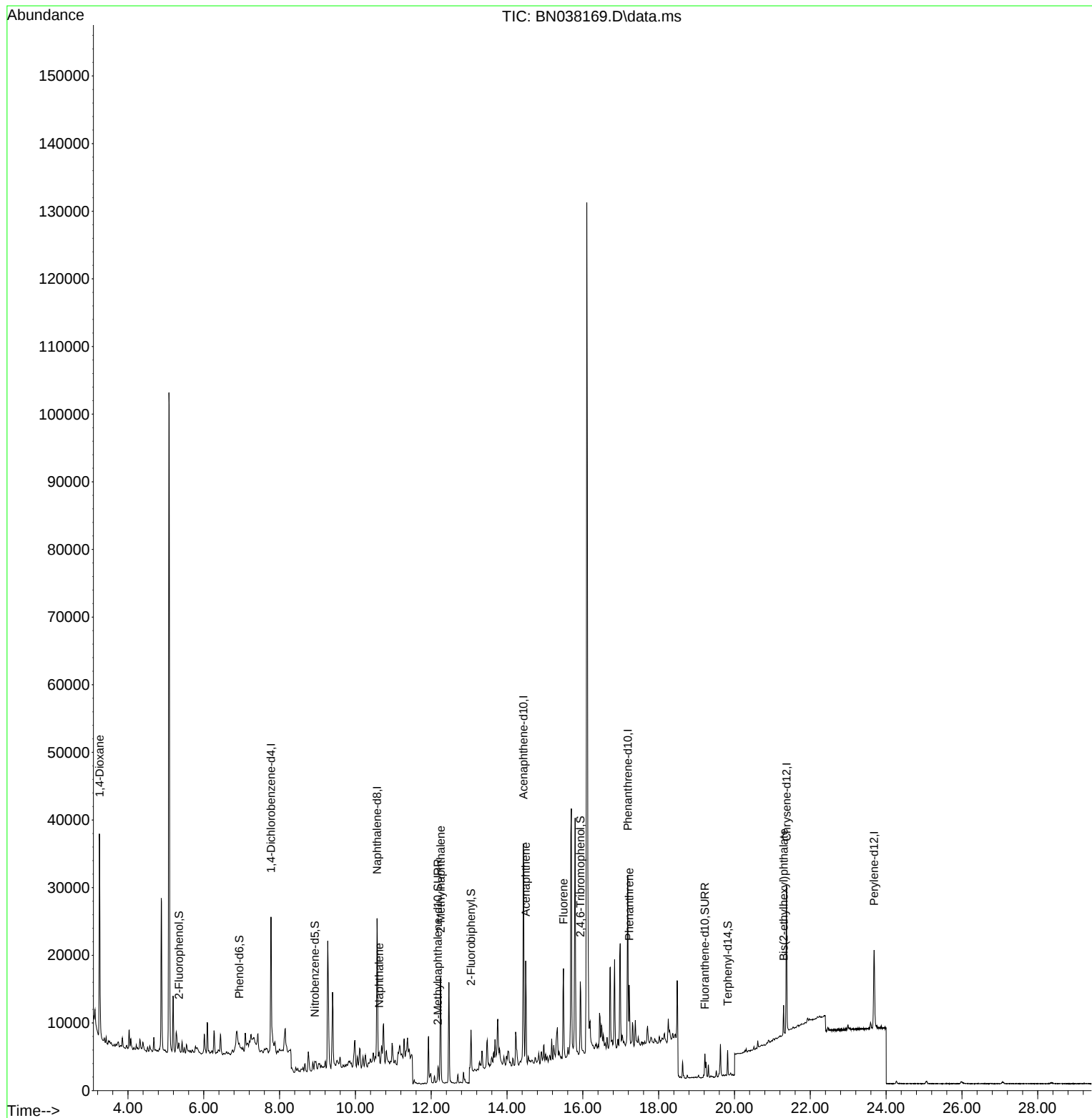
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038169.D
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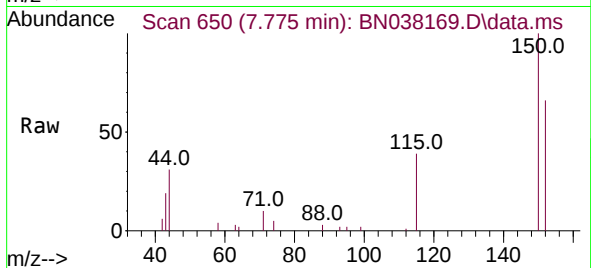
Quant Time: Nov 08 03:28:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038169.D
 Acq: 08 Nov 2025 00:44

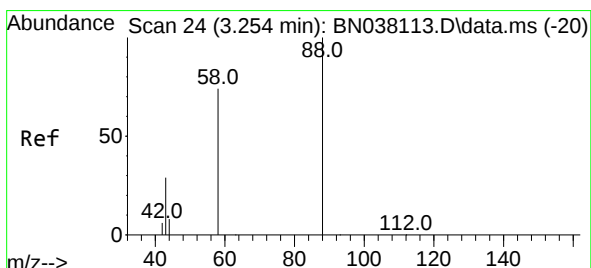
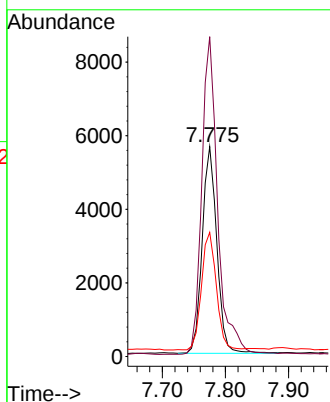
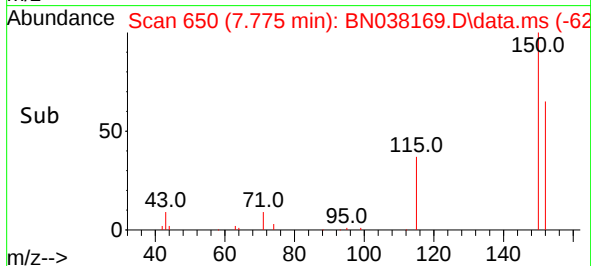
Instrument :
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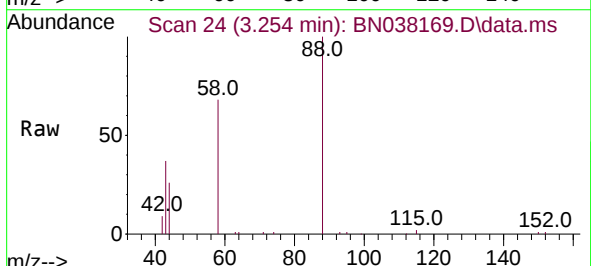
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 Ion Ratio Lower Upper
 152 100
 150 152.3 122.3 183.5
 115 59.2 47.4 71.0

Manual Integrations
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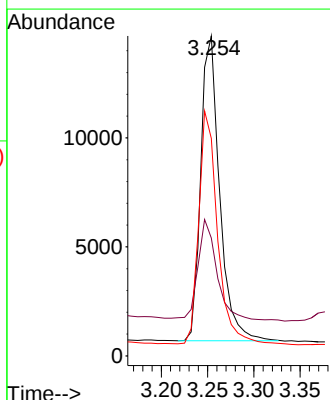
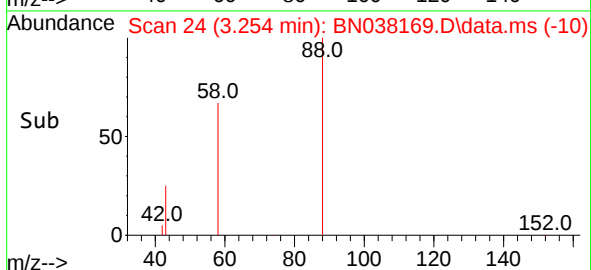
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

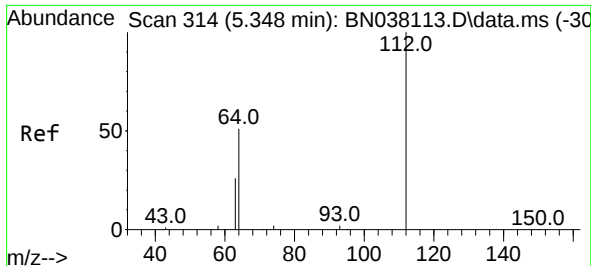


#2
 1,4-Dioxane
 Concen: 2.128 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038169.D
 Acq: 08 Nov 2025 00:44



Tgt Ion: 88 Resp: 19868
 Ion Ratio Lower Upper
 88 100
 43 32.9 24.3 36.5
 58 75.4 60.4 90.6





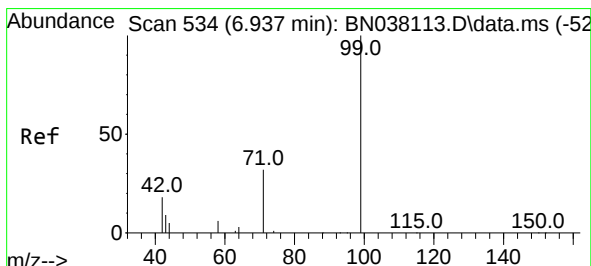
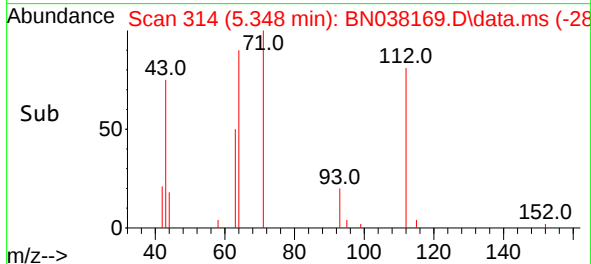
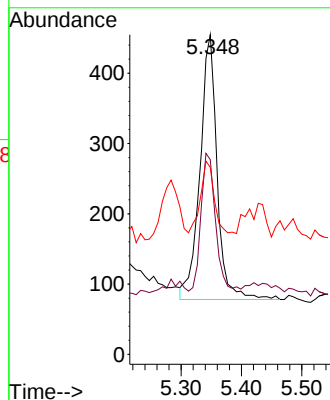
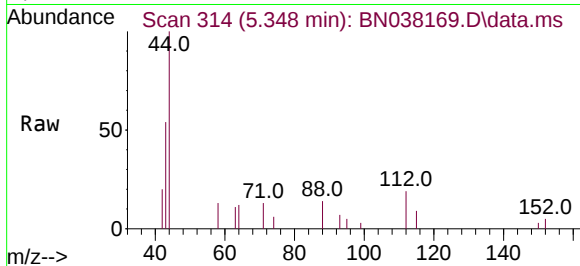
#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion: 112 Resp: 744
Ion Ratio Lower Upper
112 100
64 44.6 45.4 68.0#
63 22.3 23.2 34.8#

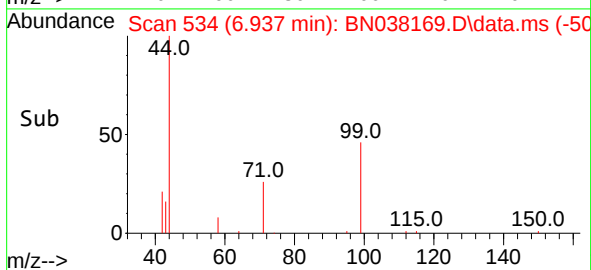
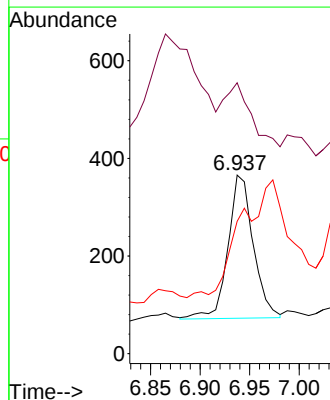
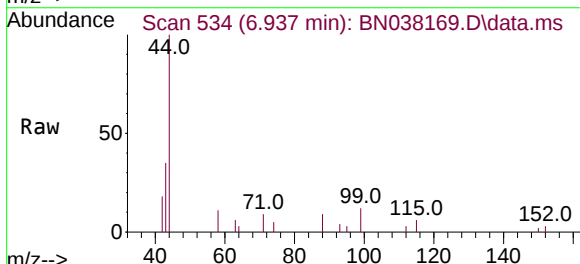
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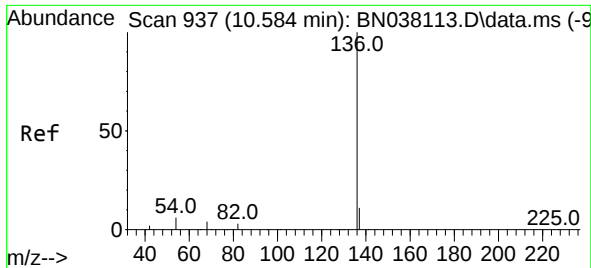
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Supervised By :Jagrut Upadhyay 11/10/2025



#5
Phenol-d6
Concen: 0.020 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

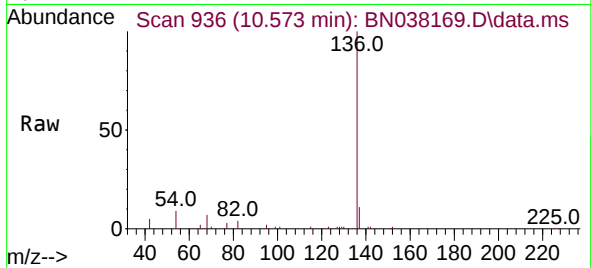
Tgt Ion: 99 Resp: 520
Ion Ratio Lower Upper
99 100
42 46.7 16.6 24.8#
71 0.0 25.4 38.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

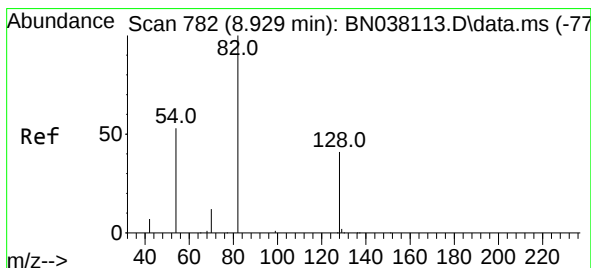
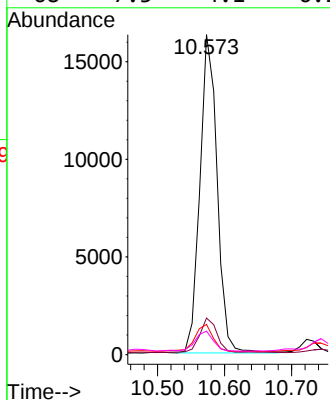
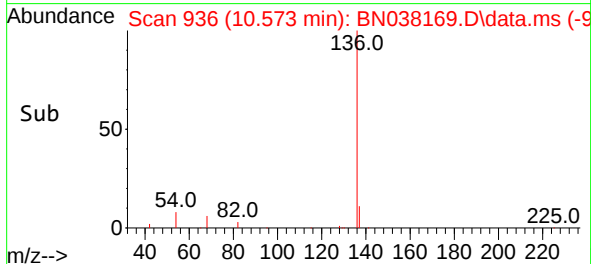
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion:	136	Resp:	29109
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	9.4	5.2	7.8
68	7.3	4.1	6.1

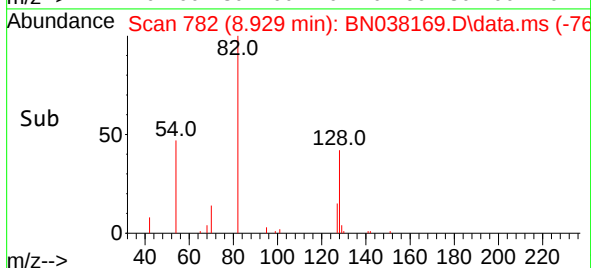
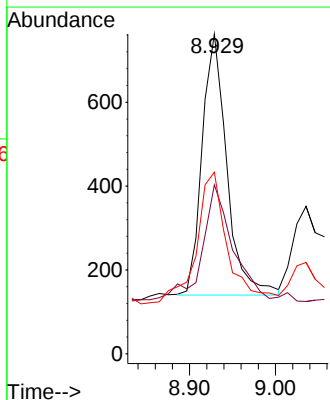
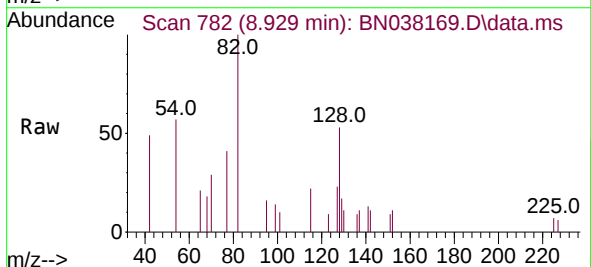
Manual Integrations
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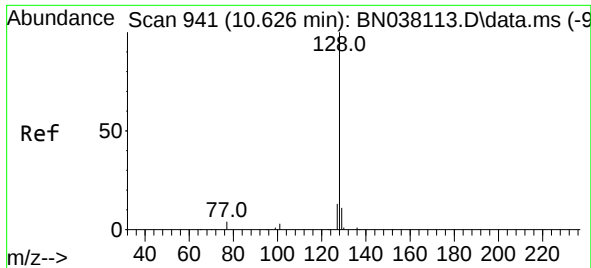
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Supervised By :Jagrut Upadhyay 11/10/2025



#8
Nitrobenzene-d5
Concen: 0.053 ng m
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Tgt Ion:	82	Resp:	1245
Ion Ratio	Lower	Upper	
82	100		
128	52.8	34.1	51.1
54	56.7	43.5	65.3





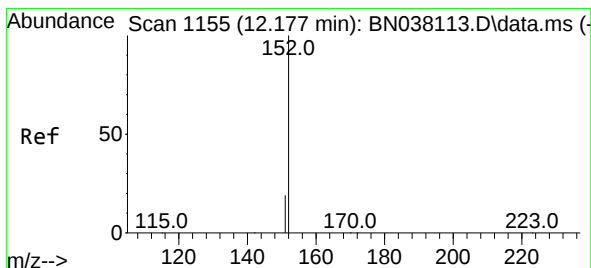
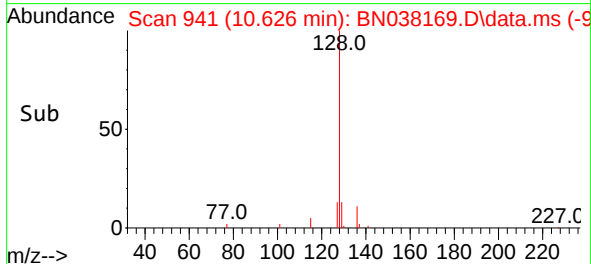
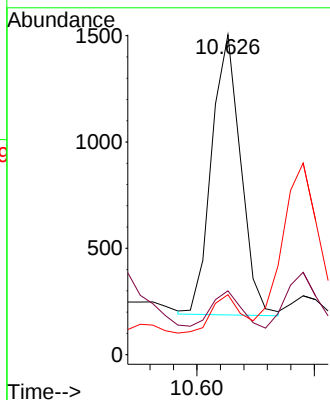
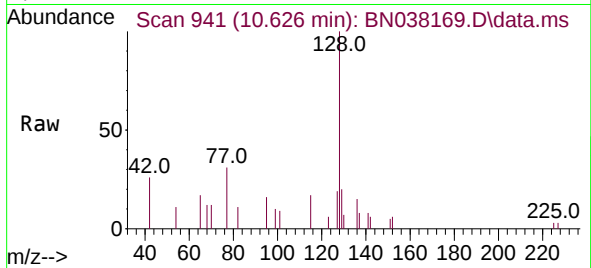
#9
Naphthalene
Concen: 0.028 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion:128 Resp: 2267
Ion Ratio Lower Upper
128 100
129 19.9 9.1 13.74
127 18.7 10.5 15.74

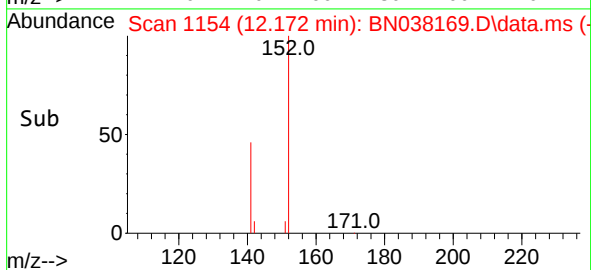
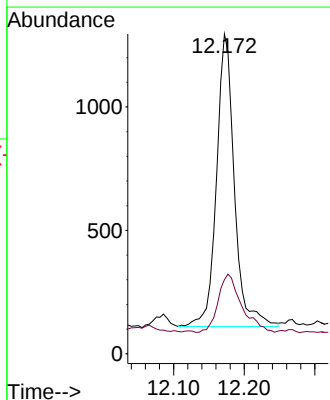
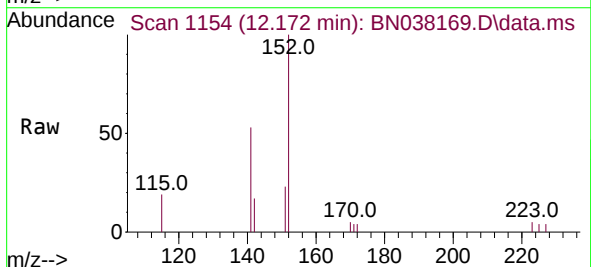
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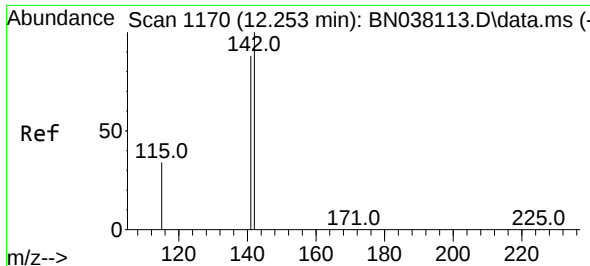
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#11
2-Methylnaphthalene-d10
Concen: 0.050 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

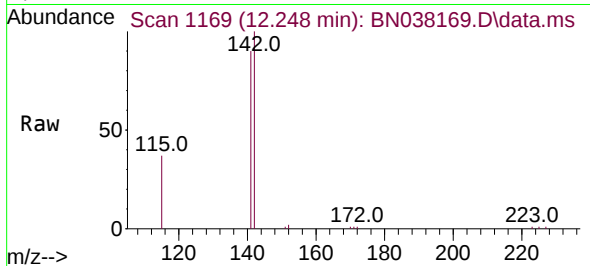
Tgt Ion:152 Resp: 2087
Ion Ratio Lower Upper
152 100
151 26.1 16.8 25.2#





#12
2-Methylnaphthalene
Concen: 0.219 ng
RT: 12.248 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

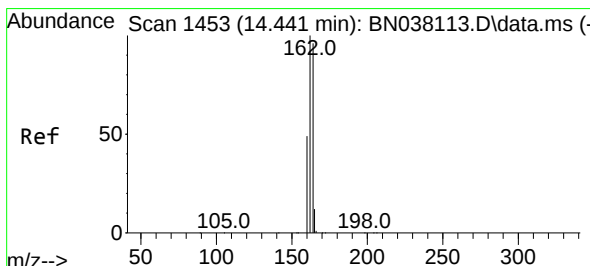
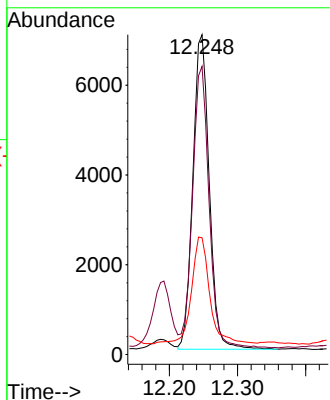
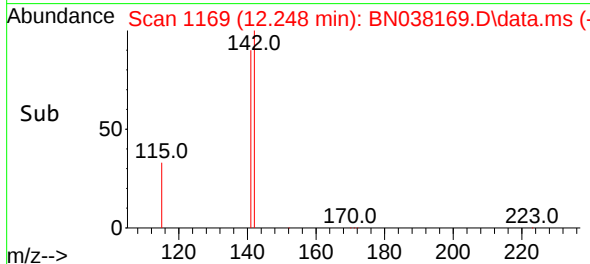
Instrument :
BNA_N
ClientSampleId :
MW-6DL



Tgt Ion:142 Resp: 11720
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 36.5 27.8 41.6

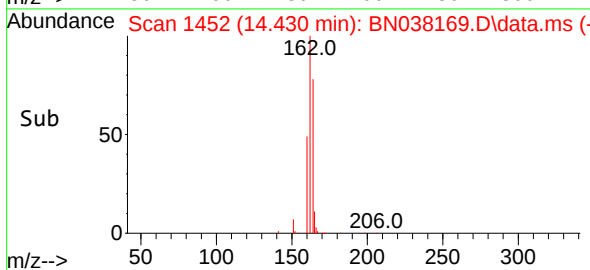
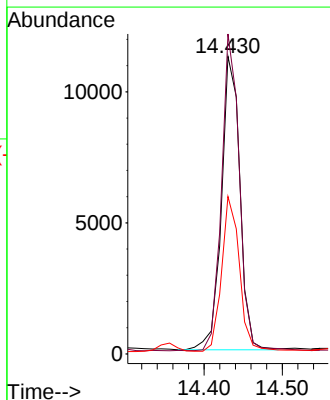
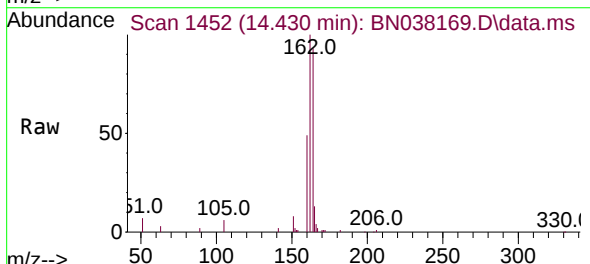
Manual Integrations
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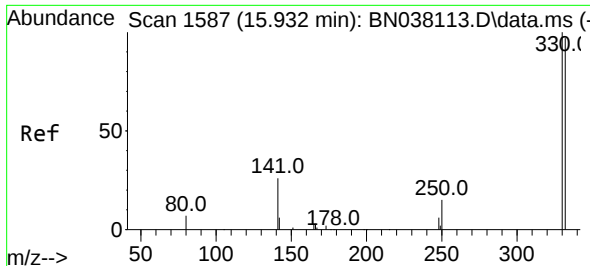
Reviewed By :Rahul Chavli 11/10/2025
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

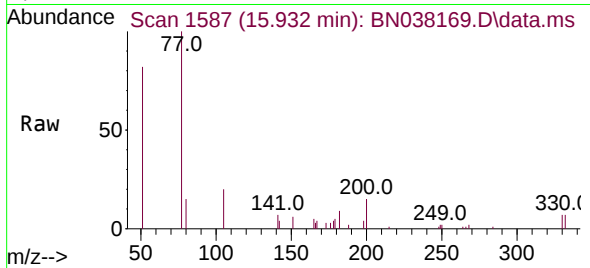
Tgt Ion:164 Resp: 18416
Ion Ratio Lower Upper
164 100
162 107.5 83.0 124.4
160 52.9 40.7 61.1





#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

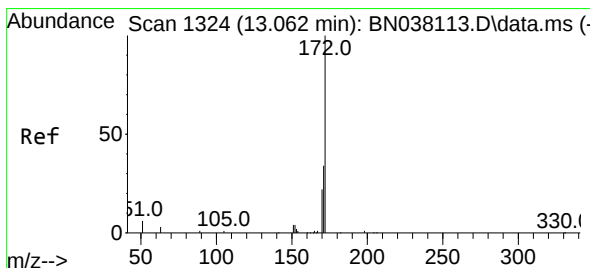
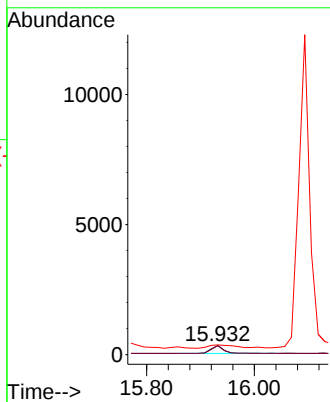
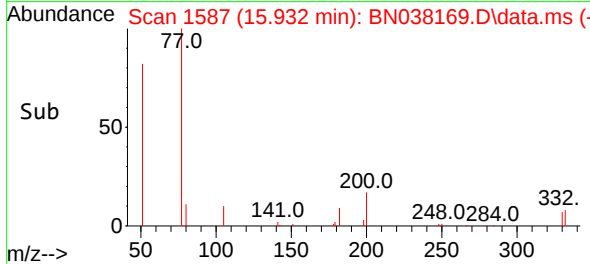
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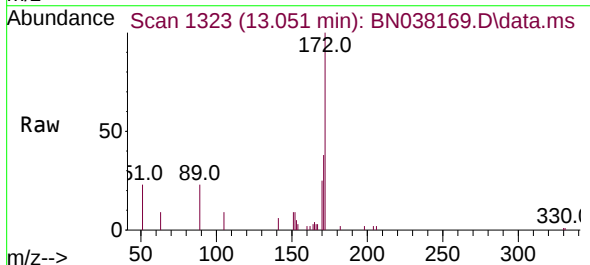
Tgt Ion: 330 Resp: 484
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 92.8 34.1 51.1

Manual Integrations
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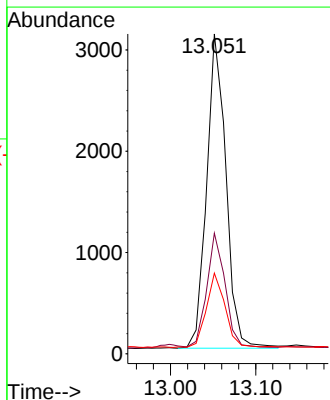
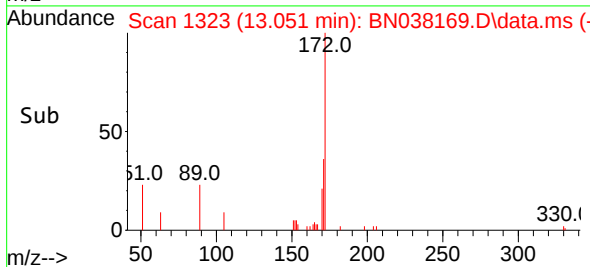
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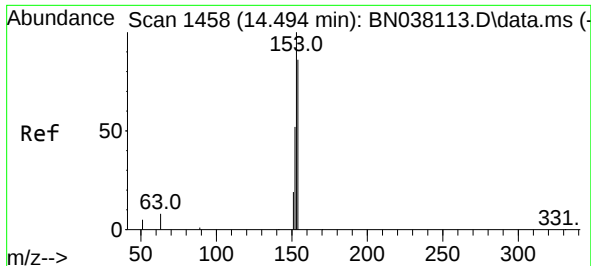


#15
2-Fluorobiphenyl
Concen: 0.066 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44



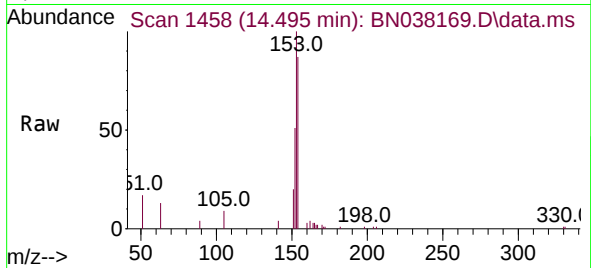
Tgt Ion: 172 Resp: 4896
Ion Ratio Lower Upper
172 100
171 37.7 27.8 41.6
170 25.2 18.1 27.1





#17
Acenaphthene
Concen: 0.128 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

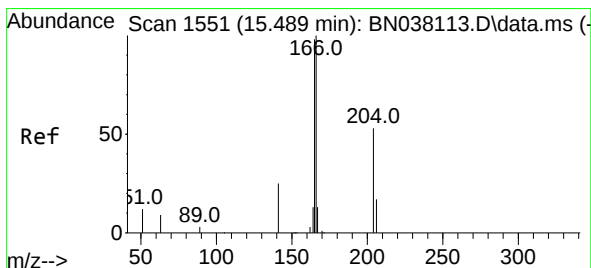
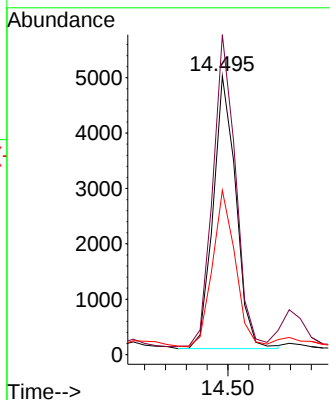
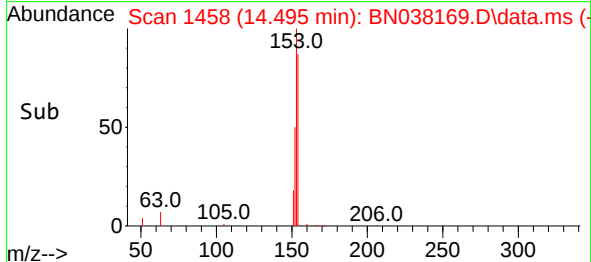
Instrument :
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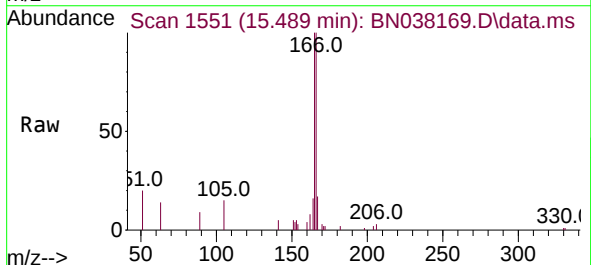
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Ion Ratio Lower Upper
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153 113.8 90.0 135.0
152 57.2 47.3 70.9

Manual Integrations
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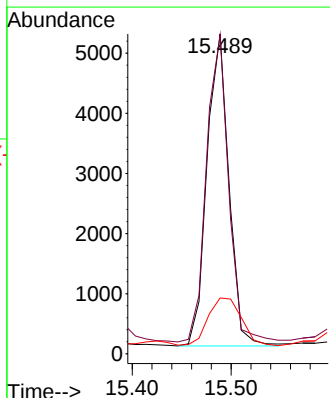
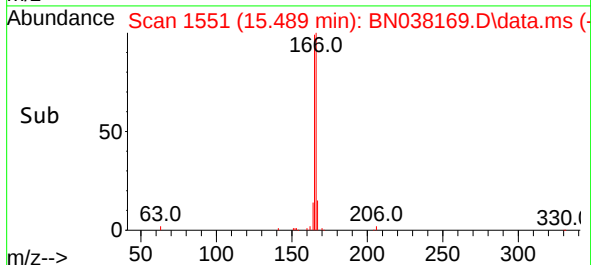
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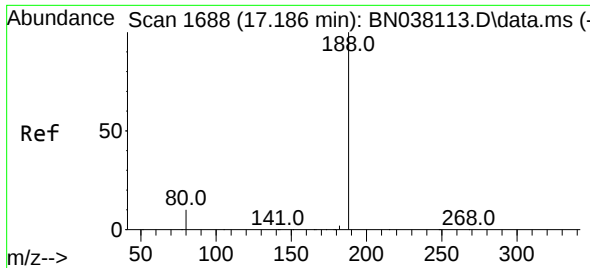


#18
Fluorene
Concen: 0.110 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44



Tgt Ion:166 Resp: 8417
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.4
167 22.6 10.7 16.1#





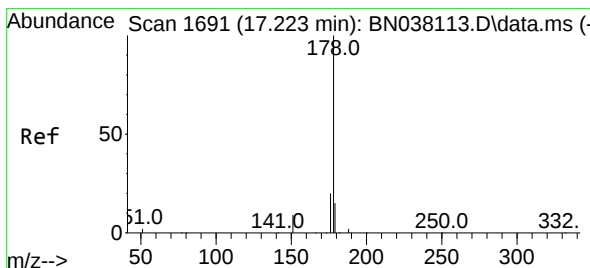
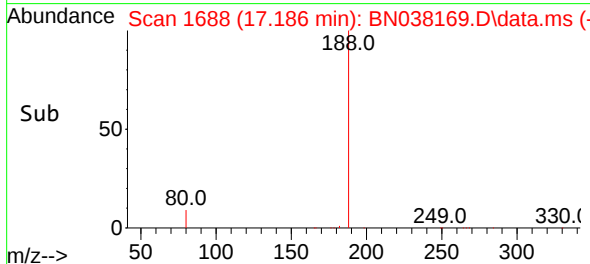
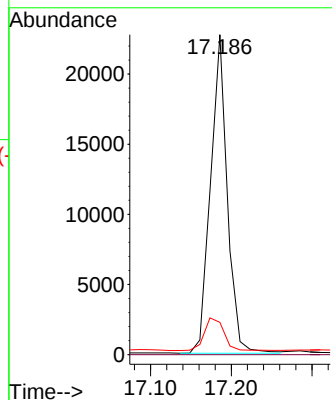
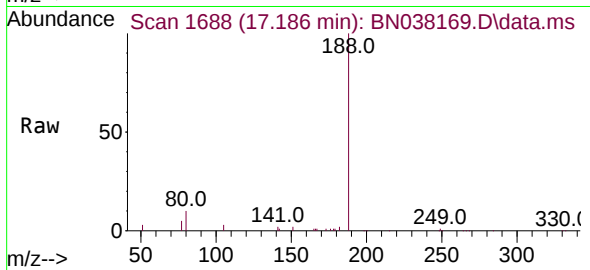
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

Instrument :
BNA_N
ClientSampleId :
MW-6DL

Tgt Ion:188 Resp: 32776
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 8.6 13.0

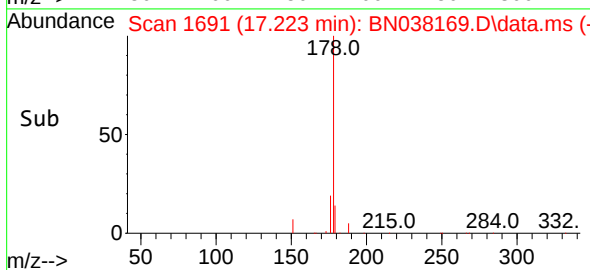
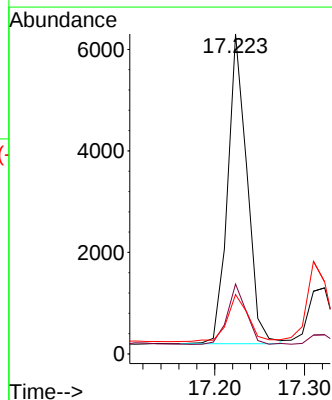
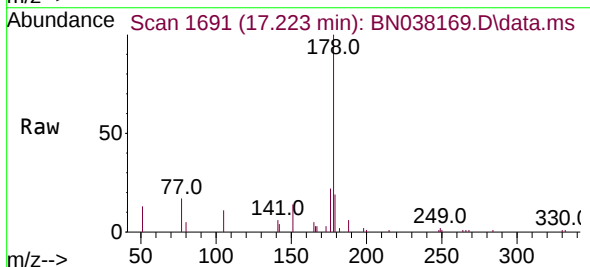
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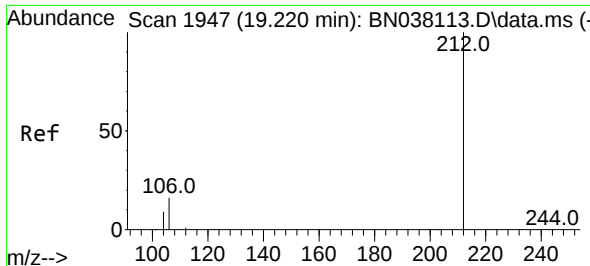
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025



#25
Phenanthrene
Concen: 0.088 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

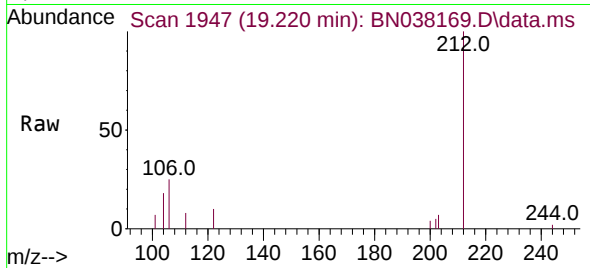
Tgt Ion:178 Resp: 9145
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.3 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.049 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44

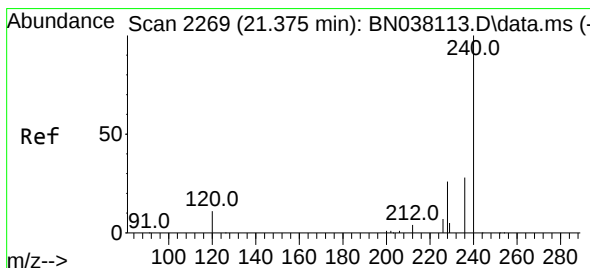
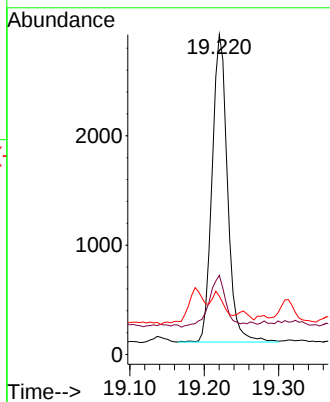
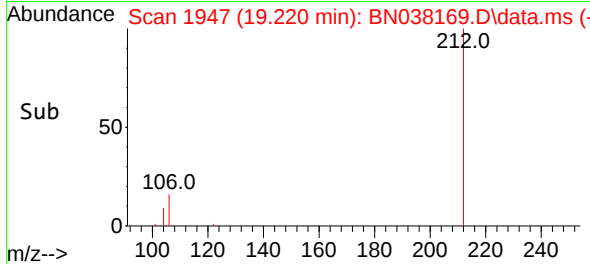
Instrument :
BNA_N
ClientSampleId :
MW-6DL



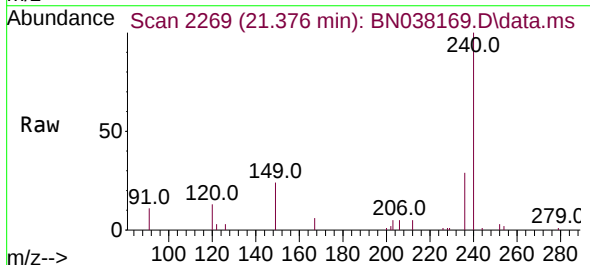
Tgt Ion:212 Resp: 4042
Ion Ratio Lower Upper
212 100
106 18.9 12.6 19.0
104 8.2 7.1 10.7

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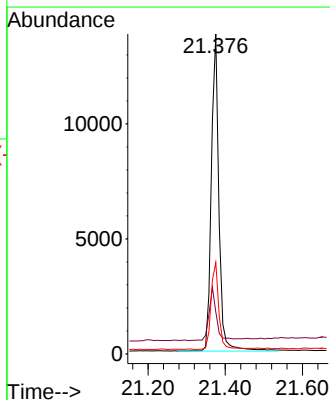
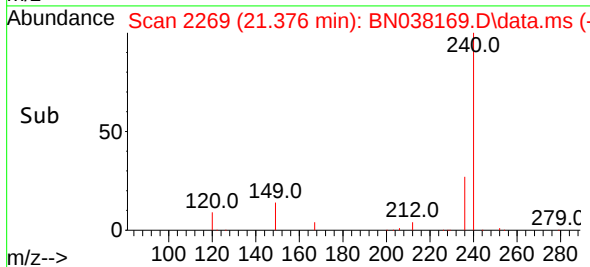
Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

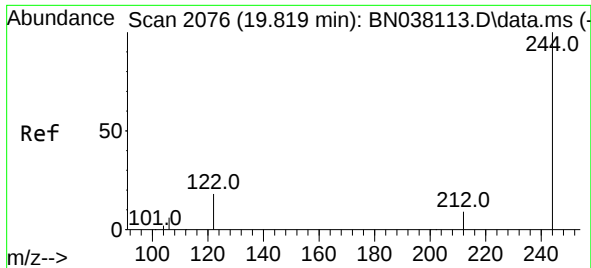


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038169.D
Acq: 08 Nov 2025 00:44



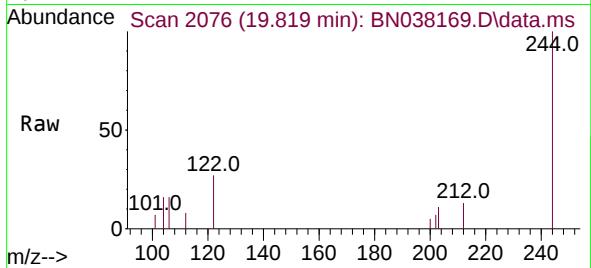
Tgt Ion:240 Resp: 18818
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 28.6 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.084 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038169.D
 Acq: 08 Nov 2025 00:44

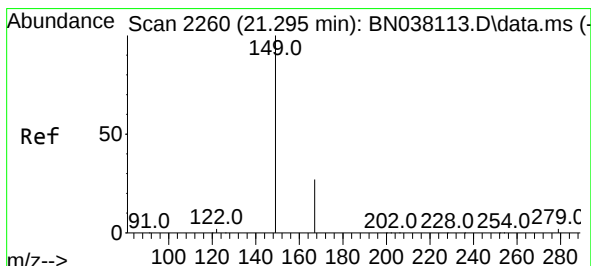
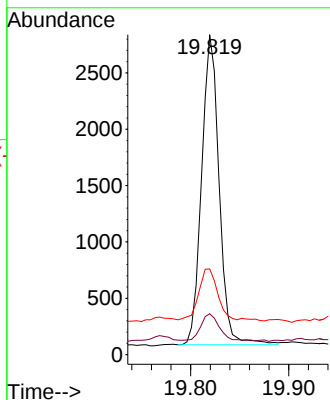
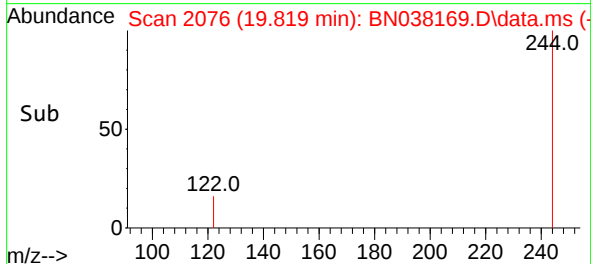
Instrument :
 BNA_N
 ClientSampleId :
 MW-6DL



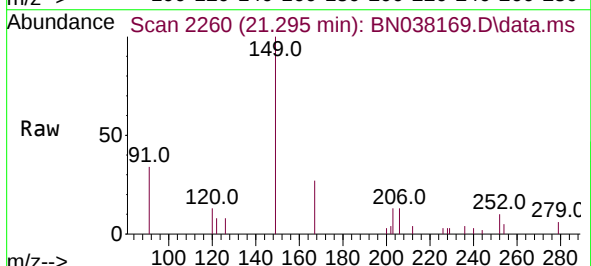
Tgt Ion:244 Resp: 3414
 Ion Ratio Lower Upper
 244 100
 212 12.8 7.8 11.6
 122 26.8 15.2 22.8

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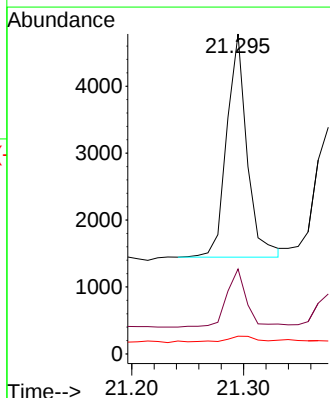
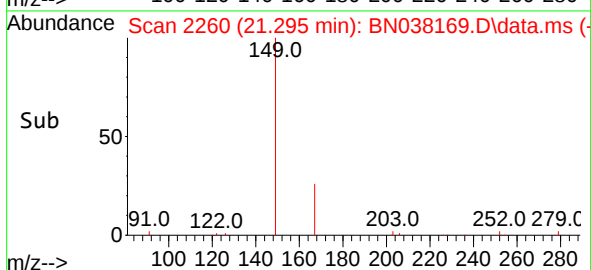
Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

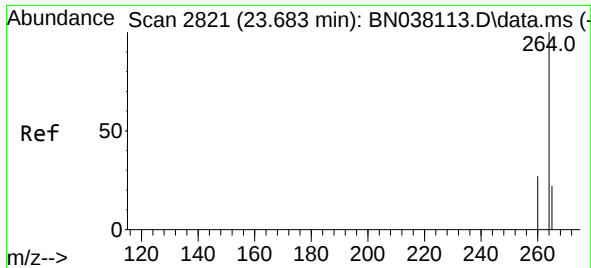


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038169.D
 Acq: 08 Nov 2025 00:44



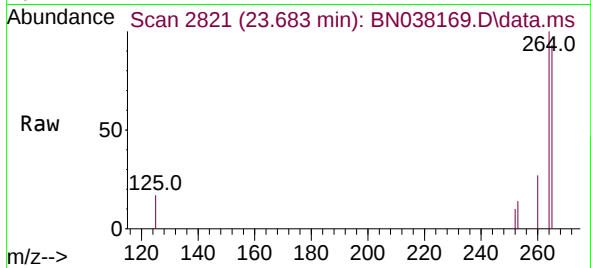
Tgt Ion:149 Resp: 4200
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.1 31.7
 279 3.3 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 2821
 Delta R.T. 0.003 min
 Lab File: BN038169.D
 Acq: 08 Nov 2025 00:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-6DL



Tgt Ion:264 Resp: 16362
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.8 32.8
 265 93.3 68.6 102.8

Manual Integrations
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Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Jagrut Upadhyay 11/10/2025

